**Bloom’s Taxonomy: Solving Equations**

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| **Remembering** | What is probability? How can probability be represented? |
| **Understanding** | Use a 0-1 number line to represent rolling a total of 7 when tossing two 1-6 number cubes. |
| **Applying** | After finding the color probabilities for a fun-size bag of M&Ms, how can those results be used to determine the color probabilities for a king-size bag of M&Ms? |
| **Analyzing** | Research theoretical and experimental probability. Based on the ratios provided by the Mars Candy Company, which would you rely on to determine the average number of red M&Ms in a standard 5.6 oz bag? |
| **Evaluating** | After you determine the probability, of an event how can you check for accuracy? Is it best to always use a fraction to express probability? Explain why or why not. |
| **Creating** | Design an experiment for a third grader to conduct to illustrate the difference between experimental and theoretical probability. |

[](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&uact=8&docid=DmhJKtP8LsC7fM&tbnid=N0V5IEkfhQeDfM:&ved=0CAUQjRw&url=http%3A%2F%2Fclickerquestions.pbworks.com%2Fw%2Fpage%2F31115153%2FWriting-questions-based-on-Bloom's-taxonomy&ei=4n5VU86FJ_KpsQSEsIHYAQ&bvm=bv.65058239,d.aWc&psig=AFQjCNHc50RXl0CnlIiEfPckQHNvfLmPqg&ust=1398198311213107)